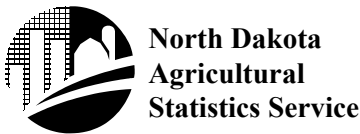


NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: July 6, 2004
For Week Ending: July 4, 2004
ND-CW2704

Cooperating With:
NDSU EXTENSION SERVICE,
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ND AG WEATHER NETWORK (NDAWN) and
UND AEROSPACE REGIONAL WEATHER
INFORMATION CENTER

General: Warmer temperatures improved crop conditions and accelerated crop development to near average levels, according to the North Dakota Agricultural Statistics Service. By week's end, rain and cooler temperatures returned. In dry areas, rains were reported as "too little too late" for early season crops. Forage concerns continued in the northeast, west central, southwest and south central districts with reports of significant first crop hay yield reductions. In those districts, reports were received that some small grains will be cut for hay if tall enough to make a windrow.

Statewide, on average, there were 5.4 days suitable for fieldwork last week. Spraying for wild oats and broadleaf weeds was 96 and 92 percent complete compared to the five-year average (1999-2003) of 96 and 93 percent last year, respectively.

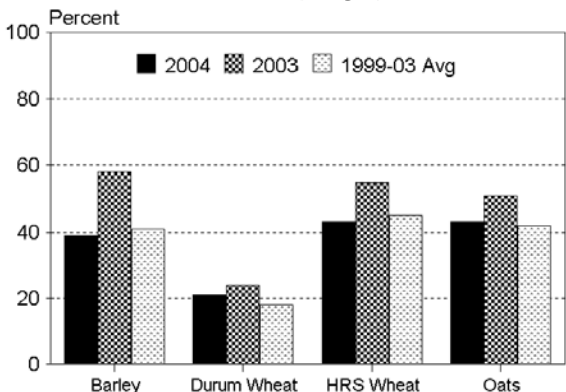
With the rains last week, topsoil moisture supplies have been replenished to near average levels. Topsoil moisture supplies were rated 6 percent very short, 14 short, 69 adequate and 11 surplus compared the average of 5 percent very short, 11 short, 72 adequate and 11 surplus.

Crops: Crop development moved close to average except for potatoes and canola. As of July 4, 2004, the hard red spring wheat crop was 43 percent headed and beyond compared to 17 percent the previous week and the average of 45 percent. Oats, barley and durum wheat were 43, 39 and 21 percent headed and beyond, respectively, which were close to average. Small grain condition ratings continued to be below last year and average. Spring wheat condition rating was 3 percent very poor, 8 poor, 22 fair, 48 good and 19 excellent compared to 1 percent very poor, 2 poor, 12 fair, 60 good and 25 excellent last year. Durum wheat condition was rated 59 percent good to excellent compared to 82 percent last year.

Sugarbeet condition was rated better than the average with 74 percent good to excellent compared to the average of 69 percent. Corn, canola, sunflower, flaxseed and dry edible bean ratings were lower than last year. Soybean condition was rated 65 percent good to excellent compared to 81 percent last year.

Livestock: Pasture and range conditions showed slight deterioration across the state. There were increased concerns over forage supplies and light weight calves. Pasture and range conditions were rated 36 percent good to excellent compared to last year's 69 percent. Stockwater supplies were rated 5 percent very short, 17 short, 74 adequate and 4 surplus compared to the average of 3 percent very short, 5 short, 85 adequate and 7 surplus. First cutting alfalfa was 61 percent complete compared to the average of 63 percent. Other hay baling was 31 percent complete compared to the average of 29. The hay crop condition was rated 34 percent good to excellent compared to 71 percent good to excellent last year.

Small Grains Headed & Beyond
North Dakota, July 4, 2004



Small Grain Development Progress ^{1/}
July 4, 2004 with Comparisons

Crop	This Week	Last Week	Last Year	1999-03 Avg.
(Percent)				
BARLEY				
Jointed	86	70	96	90
Boot	66	41	78	65
Headed	39	15	58	41
Milk	6	NA	19	12
DURUM WHEAT				
Emerged	99	89	100	100
Jointed	65	44	80	74
Boot	38	19	49	40
Headed	21	9	24	18
Milk	1	NA	4	3
HRS WHEAT				
Jointed	87	71	94	90
Boot	69	44	77	67
Headed	43	17	55	45
Milk	10	NA	18	12
OATS				
Jointed	84	76	94	90
Boot	67	46	77	67
Headed	43	17	51	42
Milk	10	NA	22	14

^{1/} Crop development percents represent all acreage in or beyond each stage. NA= Not Available.

Late Season Crop Development Progress ^{1/}
July 4, 2004 with Comparisons

Crop	This Week	Last Week	Last Year	1999-03 Avg.
(Percent)				
CANOLA				
Rosette	85	63	93	94
Blooming	54	20	64	61
CORN				
Silking	0	0	1	1
DRY EDIBLE BEANS				
Emerged	100	94	99	100
Blooming	2	1	7	4
FLAXSEED				
Blooming	23	7	34	22
POTATOES				
Emerged	100	93	99	100
Blooming	10	3	36	19
SOYBEANS				
Blooming	1	0	5	3
SUNFLOWER				
Emerged	98	85	99	100
Blooming	0	NA	1	0

^{1/} Crop development percents represent all acreage in or beyond each stage. NA = Not Available

Crop and Pasture Condition
Week Ending July 4, 2004

Crop	Very Poor	Poor	Fair	Good	Excellent
(Percent)					
Barley	3	6	22	55	14
Durum Wheat	4	8	29	56	3
HR Spring Wheat	3	8	22	48	19
Oats	6	11	29	49	5
Canola	3	8	31	47	11
Corn, All	3	7	32	55	3
Dry Edible Beans	2	5	35	50	8
Flaxseed	2	7	35	50	6
Potatoes	1	3	31	54	11
Soybeans	1	5	29	58	7
Sugarbeets	1	3	22	58	16
Sunflower	4	7	35	49	5
Hay	17	17	32	30	4
Pasture and Range	16	18	30	32	4

~ Compiled and Published by ~

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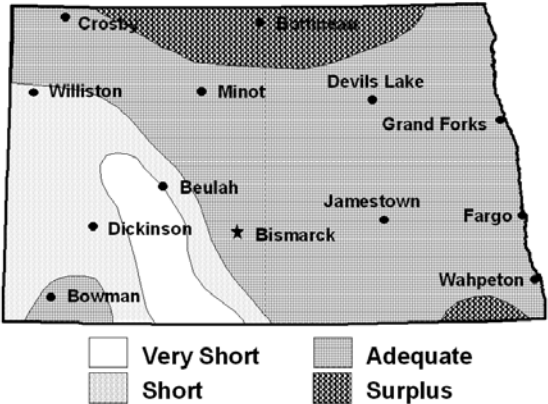
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NORTH DAKOTA CROP WEATHER REPORT, Week Ending July 4, 2004

Soil Moisture: North Dakota, July 4, 2004

Date	Very Short	Short	Adequate	Surplus
(Percent)				
TOPSOIL				
This Week	6	14	69	11
Last Week	15	13	61	11
Last Year	3	12	71	14
1999-03 Avg	5	11	73	11
SUBSOIL				
This Week	11	16	62	11
Last Week	15	14	56	15
Last Year	3	14	70	13
1999-03 Avg	5	11	73	11

Topsoil Moisture Supplies
July 4, 2004



Weather: Much of the state experienced average to above average temperatures during the week. Maximum highs for the week topped out in the 80s with nighttime lows dropping into the 40s and 50s. Precipitation amounts were not enough to erase the rainfall deficit in some areas. A few locations received over 1.00 inch of rain, while two areas received over 2.00 inches.

Outlook, July 5-11: Cooler temperatures will start the week off, but will warm nicely towards the end of the week. Expect daytime highs in the 60s and 70s with temperatures warming into the 70s and 80s for the remainder of the week. Nighttime lows will drop down into the upper 40s and low 50s. Wetter conditions are in store for the state this week. Look for precipitation early and late in the week with dry conditions midweek. The best chance for measurable rain appears to be around Thursday into Friday.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending July 4, 2004

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1		
	Past Week	Depart Normal ^{1/}	Past Week	Total	Depart Normal ^{1/}
(Degrees F) (Inches)					
Northwest (1)	68	1	0.35	5.94	-0.93
N. Central (2)	65	-2	0.57	8.38	0.92
Northeast (3)	67	-1	0.72	7.07	-0.11
W. Central (4)	68	0	0.30	3.40	-4.41
Central (5)	68	0	0.98	8.75	0.98
E. Central (6)	70	0	0.51	7.39	-0.39
Southwest (7)	70	2	1.54	3.57	-4.30
S. Central (8)	70	1	0.71	4.58	-2.77
Southeast (9)	71	2	0.75	8.78	0.77

^{1/} Normal is the 1961-90 average. NA = Not Available.
Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending July 4, 2004

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1		
	High	Low	Past Week	Total	Depart Normal ^{1/}
(Degrees F) (Inches)					
(1) Bowbells	86	48	0.46	6.36	-0.41
Williston	88	53	0.29	4.18	-1.68
Mohall	86	48	0.22	6.71	-0.48
Minot	86	50	0.42	6.50	-1.17
(2) Baker	81	48	0.51	8.66	0.31
Bottineau	86	45	0.78	8.38	1.09
Rugby	85	47	0.42	8.09	1.37
(3) Cando	84	46	0.47	6.83	-0.26
Cavalier	89	48	0.90	7.81	0.35
Forest River	89	47	0.21	6.30	-1.10
Grand Forks	88	48	0.60	5.80	-1.08
Langdon	84	46	0.57	7.91	1.11
St. Thomas	87	47	1.56	7.75	0.35
(4) Hazen	89	43	0.32	2.96	-5.41
Turtle Lake	85	52	0.42	3.33	-4.57
Watford City	89	53	0.17	3.92	-3.25
(5) Carrington	84	52	0.68	8.13	0.37
Harvey	85	51	0.43	7.23	-0.59
Jamestown	87	52	2.23	11.02	3.85
Robinson	85	51	0.81	8.38	0.61
Streeter	86	51	0.76	8.97	0.61
(6) Dazey	85	53	0.18	7.99	0.07
Fargo	88	54	0.66	7.34	-0.25
Hillsboro	88	51	0.68	6.85	-0.99
(7) Beach	91	47	1.00	2.50	-4.53
Bowman	90	48	1.64	4.62	-3.20
Dickinson	91	51	0.72	2.83	-5.25
Hettinger	91	49	2.79	4.32	-4.21
(8) Mandan	90	52	0.91	3.75	-3.19
Linton	88	52	0.51	5.40	-2.34
(9) Edgeley	88	53	0.52	8.91	0.55
Oakes	88	54	0.57	8.06	0.15
Wyndmere	89	54	1.16	9.37	1.61

^{1/} Normal is the 1961-90 average. NA=Not Available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.